


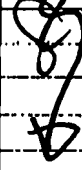
RECEIVED  
CENTRAL FAX CENTER  
APR 26 2007


017/023

PTO/SI/08A&amp;D (07-06)

Substitute for form 1449A&B/PTO		Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Application Number	10/821,604
		Filing Date	April 8, 2004
		First Named Inventor	Michel GILBERT
		Art Unit	1652
		Examiner Name	Sheridan SWOPE
Sheet	1	of	3
		Attorney Docket Number	019633-000129US

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document Number Number Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-6,352,670	10-04-1994	Venol, et al.	
	2	US-5,374,541	12-20-1984	Wong, et al.	
	3	US-5,545,553	05-13-1996	Gotschlich	
		US-			

FOREIGN PATENT DOCUMENTS								
Examiner Initials	Cite No.	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>1</sup>
		Country Code <sup>2</sup>	Number <sup>2</sup>	Kind Code <sup>3</sup> (if known)				
	4	WO	92/16840		10-01-1992	The Scripps Research Institute		<input type="checkbox"/>
	5	WO	98/32491		10-17-1998	Cytal Corp.		<input type="checkbox"/>
	6	WO	99/49051	A1	09-30-1999	National Research Council of Canada		<input type="checkbox"/>
	7	WO	0046379	A1	08-10-2000	Gilbert et al.		<input type="checkbox"/>
	8							<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
	9	ASPINALL et al., "Lipopolysaccharides of Campylobacter jejuni Serotype O:19: Structures of Core Oligosaccharide Regions from the Serostrain and Two Bacterial Isolates from Patients with the Guillain-Barré Syndrome" Biochemistry, 33: 241-249 (1994b)			<input type="checkbox"/>
	10	ASPINALL et al., "Lipopolysaccharides of Campylobacter jejuni Serotype O:19: Antigen Chains from the Serostrain and Two Bacterial Isolates from Patients with the Guillain-Barré Syndrome" Biochemistry, 33: 250-255 (1994c)			<input type="checkbox"/>
	11	ASPINALL, et al., "Chemical Structures of the Core Regions of Campylobacter jejuni Serotypes O:1, O:4, O:23, and O:38 Lipopolysaccharides," European Journal of Biochemistry, Vol. 213, No. 3, pp. 1017-1027, (May 1993)			<input type="checkbox"/>
	12	ASPINALL, et al., "Lipopolysaccharides from Campylobacter jejuni Associated with Guillain-Barré Syndrome Patients Mimic Human Gangliosides in Structure," Infection and Immunity, Vol. 62, No. 5, pp. 2122-2125, (May 1994)			<input type="checkbox"/>

Examiner Signature	SHERIDAN SWOPE, PH.D. PRIMARY EXAMINER	Date Considered	OCT 15 2007
--------------------	---	-----------------	-------------

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.  
<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

61038961 v1

**RECEIVED**  
**CENTRAL FAX CENTER**  
**APR 26 2007**

PTO/SB/08A&amp;B (07-05)

Substitute for form 1449A&B/PTO  <b>INFORMATION DISCLOSURE          STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>			<b>Complete if Known</b>	
	Application Number	10/821,604		
	Filing Date	April 8, 2004		
	First Named Inventor	Michel GILBERT		
	Art Unit	1652		
	Examiner Name	Sheridan SWOPE		
Sheet	2	of	3	Attorney Docket Number
				019633-000129US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	13	AUSUBEL et al., "Protein Expression In: Current Protocols In Molecular Biology, Wiley and Sons, Inc. Chapter 16. (1987)	<input type="checkbox"/>	
	14	BELUNIS et al., "Biosynthesis of Endotoxin" J. Biol. Chem., 267: 9886-9997 (1992)	<input type="checkbox"/>	
	15	GAUDINO et al., "A Novel and Efficient Synthesis of Neolacto Series Gangliosides 3'-nLM1 and 6'-nLM1" J. Am. Chem. Soc., 116: 1149-1150 (1994)	<input type="checkbox"/>	
	16	GILBERT et al., "Cloning of the Lipooligosaccharide α-2,3-Sialyltransferase from the Bacterial Pathogens Neisseria Meningitidis and Neisseria Gonorrhoeae", Journal of Biological Chemistry, Vol. 271, No. 45, pp. 28271-28276, The American Society for Biochemistry and Molecular Biology, Inc. USA, (November 8, 1996)	<input type="checkbox"/>	
	17	GILBERT, et al., "Biosynthesis of Ganglioside Mimics in Campylobacter Jejuni OH4384," The Journal of Biological Chemistry, Vol. 275, No. 6, pp. 3898-3908, The American Society for Biochemistry and Molecular Biology, Inc. USA, (February 11, 2000)	<input type="checkbox"/>	
	18	ITO et al., "Synthesis of Bioactive Sialosides" Pure Appl. Chem., 65: 753 (1993)	<input type="checkbox"/>	
	19	KUROKI, "Campylobacter Jejuni Strains from Patients with Guillain-Barré Syndrome Belong Mostly to Panner Serogroup 19 Contain β-N-Acetylglucosamine Residues" Ann. Neurol., 33: 243-247 (1993)	<input type="checkbox"/>	
	20	PARKHILL, et al. "The Genome Sequence of the Food-Borne Pathogen Campylobacter Jejuni Reveals Hypervariable Sequences," Nature, Vol. 403, pp. 665-668, (February 10, 2000)	<input type="checkbox"/>	
	21	PENNER, et al., "Diversity of Lipopolysaccharide Structures in Campylobacter Jejuni," The Journal of Infectious Diseases, Vol. 176, No. 2, pp. S135-S138, (December 1997)	<input type="checkbox"/>	
	22	PRENDERGAST, et al., "Lipopolysaccharides from Campylobacter Jejuni O:41 Strains Associated with Guillain-Barré Syndrome Exhibit Mimicry of GM1 Ganglioside," Infection and Immunity, Vol. 68, No. 8, pp. 3649-3677, (August 1998)	<input type="checkbox"/>	
	23	PRESTON, et al., "The Lipooligosaccharides of Pathogenic Gram-Negative Bacteria," Critical Reviews In Microbiology, Vol. 22 No. 3, pp. 139-180, (1996)	<input type="checkbox"/>	
	24	SABESAN et al., "Combined Chemical and Enzymatic Synthesis of Sialyloligosaccharides and Characterization by 600-MHz 1H and C NMR Spectroscopy," J. Am. Chem. Soc., 108: 2068-2080 (1986)	<input type="checkbox"/>	
<b>SHERIDAN SWOPE, PH.D.</b> <b>PRIMARY EXAMINER</b>				
Examiner Signature				Date Considered <b>OCT 15 2007</b>


\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

61038981 v1

PTO/SB/HA&amp;B (07-06)

Substitute for form 1449A&B/PTO		<b>Complete if Known</b>	
		<b>Application Number</b>	10/821,604
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		<b>Filing Date</b>	April 8, 2004
		<b>First Named Inventor</b>	Michel GILBERT
		<b>Art Unit</b>	1652
		<b>Examiner Name</b>	Sheridan SWOPE
(Use as many sheets as necessary)		<b>Attorney Docket Number</b>	019633-000129US
<b>Sheet</b>	3	<b>of</b>	3

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	25	SALLOWAY, et al., "Miller-Fisher Syndrome Associated with Campylobacter Jejuni Bearing Lipopolysaccharide Molecules that Mimic Human Ganglioside GD3." Infection and Immunity, Vol. 64, No. 8, pp. 2345-2349, (August 1996)	<input type="checkbox"/>
	26	TOMB et al., "The Complete Genome Sequence of the Gastric Pathogen Helicobacter pylori", Swiss-Prot Acc #A84547. Alignment with SEQ ID NO:17.	<input type="checkbox"/>
	27	WAKARCHUK et al., "Functional Relationships of the Genetic Locus Encoding the Glycosyltransferase Enzymes Involved in Expression of the Lacto-N-neotetraose Terminal Lipopolysaccharide Structure in Neisseria meningitidis" J. Biol. Chem., 271: 19166-19173 (1996)	<input type="checkbox"/>
	28	WOOD, et al., "Cloning, Mutation and Distribution of a Putative Lipopolysaccharide Biosynthesis Locus in Campylobacter Jejuni," Microbiology, Vol. 145, No. 2, pp. 379-388, (February 1999)	<input type="checkbox"/>

<b>Examiner Signature</b>	SHERIDAN SWOPE, PH.D. PRIMARY EXAMINER	<b>Date Considered</b>	OCT 15 2007
---------------------------	---	------------------------	-------------

<sup>1</sup> EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>2</sup> Applicant's unique citation designation number (optional). <sup>3</sup> Applicant is to place a check mark here if English language Translation is attached.

61038961 v1